

## **FUELS REDUCTION GOAL – Reduce fuels in the Wildland/Urban Interface and Intermix:**

Current fire science has determined that fuels reduction is a critical factor in reducing catastrophic fires. This has led to partnerships between federal land management agencies, local fire agencies and private property owners to reduce excessive fuel loading on private and federal property. Firewise practices allow private property owners to utilize proven strategies to remove hazardous fuels on their properties. This will aid the national effort to reduce the risk of catastrophic fires in the Wildland/Urban Interface and Intermix. It is recommended that Blaine County provide monetary assistance and equipment to local Fire Agencies planning fuels reduction projects through the Bureau of Land Management Communities at Risk program.

- **FUELS ANALYSIS OBJECTIVE:** Map and document fuel types and densities to determine high risk and high hazard zones. Implement a countywide fuels reduction program establishing priorities based on the adopted hazard assessment program.
- **FEDERAL ISSUES OBJECTIVE:** Take into account fuels management issues of surrounding federal lands when determining and implementing local fuels reduction programs.
- **VOLUNTARY FUELS REDUCTION OBJECTIVE:**  
Create a Voluntary Fuels Reduction Program.

ACTION PLAN for FUELS REDUCTION GOAL - REDUCE FUELS IN THE WUI INTERFACE								
ACTION ITEMS	Description	Coordinating Agencies	Available Funding & all other Available Resources	Supplies Needed to Complete Action	Anticipated or Achievement Outcome	Social and Environment Benefits	Milestones	Timeline
<b>FUELS ANALYSIS</b> Objective:	<b>Map and document fuel types and densities to determine high risk and hazard zones. Implement a countywide fuels reduction program establishing priorities based on the adopted Hazard Assessment Program.</b>							
<b>Fuels Information Action Item</b>	Provide the latest information about how to manage fuels.	BLM, FS and Rural Fire Agencies	Federal and State Grants; NFPA	Information Packets, Brochures, DVDs, Videos, Workbooks	Interest in Fuels Management	Educated Property owners	Establish a current information packet and Presentation	Mar-05
<b>Fuel Mapping Action Item</b>	Develop accurate mapping for the fire jurisdictions.	Fire Agencies, Alpine Enterprises, Blaine County GIS	Communities At Risk and other Fire Mitigation Grants; ESRI Community Grants;	Existing maps, aerial photos, satellite maps, fuel modeling information	Accurate Fuel Maps	Valid fuels information for fire prevention	Complete first set of maps	Oct-04
<b>Fuel Modeling Action Item</b>	Utilize a GIS database to target high risk areas through vegetation analysis and fuel modeling.	Fire Agencies, Alpine Enterprises, Blaine County GIS, BLM, FS	Communities At Risk Grants; Environment Systems Research Institute (ESRI) Community Grants; Blaine County	GIS database with existing maps, aerial photos, satellite maps, fuel modeling information	Maps of High Risk Areas	Awareness of High Risk Areas	Complete first set of High Risk Areas maps	Oct-04
<b>Hazard Rating Tool Selection Action Item</b>	Research, evaluate and select the appropriate hazard rating tools for individual property evaluation by firefighters.	Blaine County Fire Agencies	Fire Mitigation Grants	Manufacturers' information and sample tools	Selection of appropriate tools for use by fire agencies countywide	Availability of best technology for all fire agencies to assist with wildland fire prevention	Meet with fire agencies countywide to establish criteria and purchase date for tools selection	Oct-04
<b>Hazard Assessment Action Item</b>	Target fire hazards and risk using NFPA hazard assessment document.	Local Fire Agency	Fire Mitigation Grants	NFPA Hazard Assessment Document and assessment tools	Known area of fire hazards	Awareness of individual property's level of fire risk	Complete a demonstration project	Nov-04

<b>Prioritization Action Item</b>	Prioritize areas at highest risk due to fuel type, fuel density, slope, aspect, prevailing winds, access and other resource and geographic considerations.	Local Fire Agency and Alpine Enterprises	Fire Mitigation Grants	Hazard Assessment Tool with GIS database with existing maps, aerial photos, satellite maps, fuel modeling information	Prioritization of High Risk Areas	Targeting fuels reduction first to High Risk Areas.	Prioritize highest risk structures in a single targeted area.	Mar-04
<b>Motivation Action Item</b>	Use property hazard ratings and their effect on homeowner insurance as a motivating factor for property owners to reduce fuels and implement fire prevention measures.	Local Fire Agency, Insurance Companies	Fire Mitigation Grants; Insurance Company Grants and financial incentive programs	Property Hazard Ratings and Maps, Fire Insurance Classifications	Fuels reduction and Firewise Implementation	Firewise Homes	Explore insurance company policies regarding Firewise Practices	Jul-05
<b>FEDERAL ISSUES Objective:</b>	<b>Take into account fuels management issues of surrounding federal lands when determining and implementing local fuels reduction programs.</b>							
<b>Federal Projects Awareness Action Item</b>	Take into account surrounding federal and state vegetation management issues. Be aware of current programs such as 'Redzone', Pine Bark Beetle outbreak and Sawtooth City projects.	Local Fire Agencies, BLM, FS, Idaho Department of Lands	Current Fire Budget; Personnel Assistance Grants	Current Federal Agency contacts and bulletins; Sawtooth Society Newsletter	Knowledge of on-going federal and state lands vegetative status	Heightened awareness of wildland fuels issues	Arrange with BLM, FS and Sawtooth Society to receive information and newsletters on an on-going basis	Nov-04
<b>Monoculture Prevention Action Item</b>	Demonstrate the risk of a single species forest.	Local Fire Agencies, BLM, FS, Sawtooth Botanical Garden, Sawtooth Society	Federal Communities At Risk and other Mitigation Grants	Forest Service Silvicultural Interpretive information	Raised awareness for the importance of maintaining vegetative diversity	An appreciation of the need for diverse species forests	Obtain information about a local example of a monoculture site	Nov-05
<b>Healthy Forests Initiative Action Item</b>	Understand and support 'Healthy Forests Initiative'	Local Fire Agencies, FS, Sawtooth Society	Federal Agency Training Programs	Healthy Forests Initiative' document	Local firefighter understanding of Initiative	Greater understanding of a complex fire related issue	Arrange a training course for firefighters	Jan-05
<b>Federal Partnership Action Item</b>	Partner with federal agencies regarding proactive solutions to fuel and disease issues.	Local Fire Agencies, FS, Sawtooth Society, BLM	Federal Communities At Risk and other Mitigation Grants	Federal Agency information and training regarding fuels and disease issues	Exchange of Information and Development of Partnerships	Working partnerships established between local and federal fire agencies	Establish a regular meeting schedule for information exchange with local FS, BLM and Sawtooth	Dec-04

							Society	
<b>Interface Action Item</b>	Create an understanding that both private and public interface lands are potential sources of catastrophic fire.	Local Fire Agencies, BLM, FS	Federal Communities At Risk and other Mitigation Grants	Firewise materials and educational packets	Increased awareness of private property as a potential fire source	People taking responsibility for fuels reduction on their own property.	Implement an awareness program for private property fuels reduction	Jul-05
<b>VOLUNTARY FUELS REDUCTION Objective:</b>	<b>Create a voluntary fuels reduction program.</b>							
<b>Local Assistance Action Item</b>	Provide a contact list to residents and property owners of people available to assist them with Firewise projects.	Local Agencies, Property Managers and Homeowners Associations	Current Fire Budget; Fire Mitigation Grants	Contact information and phone directories	A list of all professionals associated with Firewise projects	Readily available Firewise advice and fuels mitigation assistance	Create the draft Firewise Advisory Contact List	Feb-05
<b>Education Action Item</b>	Educate people how to voluntarily participate in fuels mitigation.	Local Fire Agencies, BLM, FS, Landscaping Industry	Current Fire Budget; Fire Mitigation Grants	Neighborhood Firewise Workshop Information	Voluntary participation in fuels reduction programs	Reduced fuels and more survivable space	Do a fuels reduction demonstration project using volunteer participants.	May-05
<b>Landscaping Action Item</b>	Incorporate aesthetic Firewise landscaping to create survivable spaces. Demonstrate distinctions between hardscape and landscape elements and their Firewise benefits.	Local Fire Agencies, Local Landscape Architects, Local Landscape Nurseries and Contractors	Current Fire Budget; Fire Mitigation Grants	Firewise Landscaping Information	Private property owner acceptance of Firewise landscaping techniques	Reduced fuels and more survivable space	Showcase a Firewise landscaping project	Jul-05

<b>Technology Action Item</b>	Use technology such as Redzone, Web sites and e-mail to contact people with fire hazard and mitigation information.	Local Fire Agencies, BLM, FS.	Current Fire Budget; Fire Mitigation Grants	The technology: Computers, software, digital tools	Increased access to fire hazard and fuel mitigation information	Greater public awareness and increased involvement by absentee homeowners regarding fire mitigation	Establish a local fuels mitigation and Firewise practices Web Site	May-05
<b>Home Assessment Action Item</b>	Provide suggestions to homeowners for assessing and rating their homes.	Local Fire Agencies	Current Fire Budget; Fire Mitigation Grants	Fire Hazard Assessment and Rating Tool	Hazard rating assessments for private homes	Homeowner's knowledge of their hazard rating	Introduce and publicize the availability of a Home Hazard Assessment Program	May-05
<b>Grants for Citizen Aid Action Item</b>	Seek grants and assistance opportunities to aid citizens in voluntarily reducing fuel loads on their property.	Local Fire Agencies, Agricultural Extension Agents, BLM, FS, Blaine County	Americorps Grant; Federal and State Grants; NFPA; fire mitigation grants	The Internet and Library Resources	Additional Funding	Financial Aid to Reduce Fuel Loads	Apply for a grant for a fuels reduction project	Feb-05
<b>Neighborhood Fuel Reduction Action Item</b>	Include grassroots-level suggestions for organizing neighborhood fuel mitigation efforts.	Local Fire Agencies, Homeowners Associations, Property Managers, Business Owners, Residents	Current Fire Budget; Fire Mitigation Grants	Meeting locations and contact lists for holding workshops or mailing survey to solicit ideas	A collection of grassroots ideas	Local participation in planning fuels mitigation projects	Plan a workshop or mail a survey to solicit ideas.	Jul-05
<b>Demonstration Action Item</b>	Demonstrate to people in a how-to format what they can do at home to mitigate fuels. Provide a check list of tasks for the individual to accomplish.	Local Fire Agencies, Homeowners Associations, Property Managers, Business Owners, Residents, BLM, FS	Current Fire Budget; Fire Mitigation Grants	Demonstration Tools and Checklists and Demonstration Location	People trained in fuels mitigation through demonstration	Homeowners learn new skills to be self reliant in reducing fuels around their property	Plan and schedule the first 'how-to' demonstration and provide a checklist	Jun-05
<b>Community Collection Sites Action Item</b>	Establish sites for community drop-off and recycling locations for pruned and removed fuels.	Local Fire Agencies, Blaine County Solid Waste District, Ohio Gulch Transfer Station, ERC, Homeowners Associations, Property Managers, Local Municipality	Current Fire Budget; Fire Mitigation Grants	Drop-off locations, chippers, pellet-producing machinery, collection containers, and agreements in place with local transfer stations	Established drop-off and recycling sites for fuels mitigation projects	Reduced Fuels, Recycled Biomass and Reusable wood products	Organize and coordinate the first community fuels reduction event with drop-off locations and recycling capabilities	Jun-05

## Fuels Reduction Treatments proposed in the Ketchum Rural Fire Protection District

Fuel Hazard Ranking	Project	Purpose and Need	Coordinating Agencies	Benefit to the Community	Location	Description	Approx. Acres	Polygon
Extreme	Lake Creek: Aspen Stands	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Lake Creek Subdivision.	Mechanically treat dense aspen stands, remove encroaching conifers. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	2	Aspen 21
Extreme	Lower Board Ranch: Board Loop Road Area	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Lower Board Ranch area.	Mechanically treat overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	3	Conifer 6
Extreme	Upper Board Ranch: Conifer Stands	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Upper Board Ranch area.	Mechanically treat overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	6	Conifer 15
Extreme	Cold Springs	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the Cold Springs area.	Mechanically treat the overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	25	Conifer 9+H6

Extreme	East Fork: Timberline Rd/ Pioneer Mt. Dr	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the East Fork area.	Mechanically treat the overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	10	Conifer 3
HIGH	Baker Creek, Easley Road, Spruce Creek areas: In conjunction with the USFS.	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to cabins within the National Forest.	Mechanically treat overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	?	Baker Creek Rd, Easley Rd, Spruce Creek Rd.
HIGH	River Run	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the River Run area.	Mechanically treat the overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	14	Conifer 8
HIGH	North Gimlet, Rainbow Bend, River's Edge Ranch	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the North Gimlet, Rainbow Bend, and River's Edge Ranch areas.	Mechanically treat the dense riparian areas, remove snags. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	20	Aspen 11,30
HIGH	Gimlet: Riparian Area	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the Gimlet Subdivision.	Mechanically treat the dense riparian areas, remove snags. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	35	Aspen 11,32



HIGH	East Fork: Hyndman View Dr	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the East Fork area.	Mechanically treat the overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	5	Conifer 4
HIGH	Greenhorn Gulch: Conifer Stands	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service, BLM, and private lands adjacent to homes in the Greenhorn Gulch area.	Mechanically treat overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	25	Conifer 1,2
Mod-High	Galena Lodge	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service land surrounding private land in the Galena Lodge area.	Mechanically treat overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.		
Mod-HIGH	Eagle Creek: Conifer Stands	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Eagle Creek Subdivision.	Mechanically treat overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	2	Conifer 12
Mod-HIGH	Oregon Gulch	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Oregon Gulch area.	Mechanically treat overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	7	Conifer 13



Mod-HIGH	Chocolate Gulch	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Chocolate Gulch area.	Mechanically treat overgrown, dense conifer stands. Remove encroaching conifers from aspen stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	6	Aspen 34 Conifer 13
Mod-HIGH	Triumph: Riparian Areas	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM, State, and private lands adjacent to homes in the Triumph area.	Mechanically treat the dense riparian areas, remove snags. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	20	Aspen 10
Mod-HIGH	Triumph: Sage Areas	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM, State, and private lands adjacent to homes in the Triumph area.	Mechanically treat the areas of sage brush. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	175	Aspen 13
Mod-HIGH	Greenhorn Gulch: Aspen Stands	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service, BLM, State, and private lands adjacent to homes in the Greenhorn Gulch area.	Mechanically treat dense aspen stands, remove encroaching conifers; particularly those near homes. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	8	Aspen 2,3,4
Moderate	Eagle Creek: Sagebrush	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Eagle Creek Subdivision.	Mechanically treat the areas of sage brush. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	27	Shrub 57

Moderate	Lake Creek: Sagebrush	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Lake Creek Subdivision.	Mechanically treat the areas of sage brush. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	13	Shrub 31,32
Moderate	Dip Creek and Stonegate Subdivisions	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Dip Creek and Stonegate Subdivisions.	Mechanically treat the areas of sage brush. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	15	Shrub 56
Moderate	Adam's Gulch	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the Adam's Gulch area.	Mechanically treat the areas of sage brush. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	10	Shrub 35
Moderate	Adam's Gulch to Northwood: Riparian Area	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the Adam's Gulch/ Flowers Mill area, south along the river to Northwood Subdivision.	Mechanically treat the dense riparian areas, remove snags. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	20	Aspen 22

Moderate	River Run: Riparian Area	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the River Run area.	Mechanically treat the dense riparian areas, remove snags. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	5	Aspen 29
Moderate	Sage Road, Huffman Dr, Hillside Dr.	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes in the Warm Springs area.	Mechanically treat the areas of sage brush. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	18	Shrub 50
Moderate	Upper Board Ranch: Sage Areas	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	Forest Service and private lands adjacent to homes along West Warm Springs Road.	Mechanically treat the areas of sage brush and dry grass. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	5	Shrub 95
Moderate	Owl Rock Rd	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the Owl Rock Road area.	Mechanically treat the overgrown, dense conifer stands. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	25	Conifer 10
Moderate	Gimlet Hills	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the Gimlet Subdivision.	Mechanically treat the areas of sage brush. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	50	Shrub 14,16,51

Moderate	East Fork: Riparian Area	Reduce the Hazardous Fuels surrounding homes in the Urban Interface by establishing perimeters of allowable vegetation at the 30, 50 and 100 foot radii.	Funding and equipment provided by Blaine County. Treatments to be carried out by Ketchum Rural Fire Protection District. Coordinate efforts with surrounding Federal Agencies.	Reduces the threat of wildland fires spreading to homes and creates survivable space. The health of the forest is improved as is wildlife habitat. Treatment provides some economic opportunities.	BLM and private lands adjacent to homes in the East Fork area.	Mechanically treat the dense riparian areas, remove snags. Limb up and thin landscaped areas around homes using hand tools. Use chippers or pelletizer equipment to recycle biomass products.	40	Aspen 6
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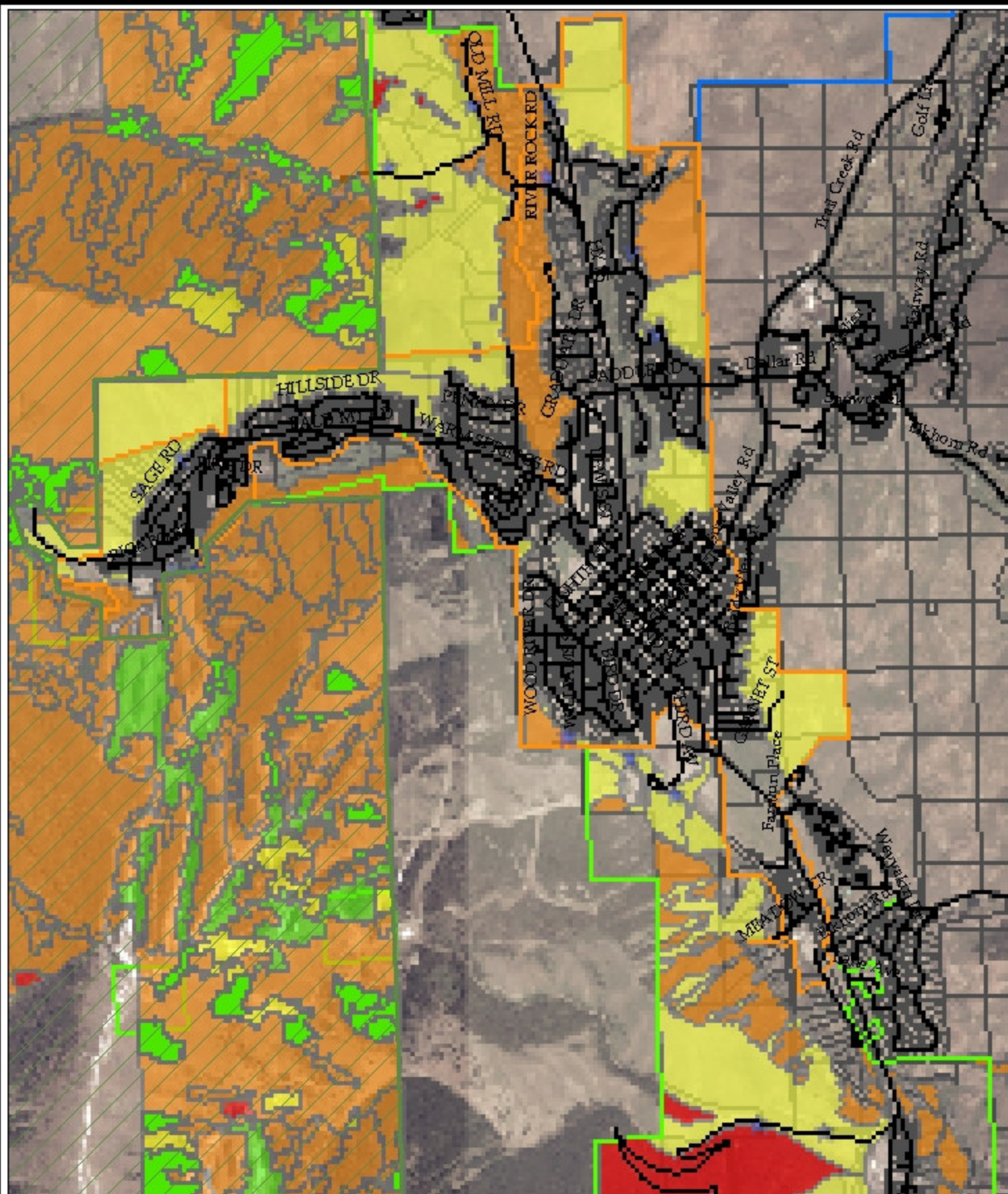
Estimated acres in these spreadsheets represent private land that could be treated. The United States Forest Service and Bureau of Land Management should make their own judgment of how many acres to treat on their respective properties.

## **Hazard Maps**

These maps were created to show the areas of high fuel loading in Blaine County. The fuel loading data was created following Bureau of Land Management (BLM) standards in order to connect fuel mapping on BLM land with the fuel mapping this project has completed on private land. To analyze the fuel loading, digital orthophotos of Blaine County were used to determine vegetation type. Field work was completed throughout the county to determine the condition of the vegetation. An extensive questionnaire was completed at each site and photographs were taken to document the condition of the vegetation. The data collected in the field was compiled and processed through the BLM's hazard ranking scheme. (Please see BLM fuels metadata appendix for more details.) Along with the hazard-ranked areas, these maps show fire agency boundaries, parcel lines delineating private parcels, and all county roads. They show the densely populated areas in proximity to areas of high and extreme fire risk. The BLM has been conducting field work to determine the extent of hazardous fuels on their lands within Blaine County and our data is designed to be stitched together theirs upon its completion.

Hazardous Fuel Rankings for areas shown on these maps that are within the boundaries of the Sawtooth National Forest were carefully estimated with help from Fuels Specialist Matt Filbert, for the Sawtooth National Forest. Using the Forest Service's current vegetation data and Mr. Filbert's vegetation and fire behavior expertise, estimated fire behavior was derived and translated to fit this project's hazard ranking scheme.





Legend	
	Roads
	Photo Points
	Private Parcels
	Sawtooth N.F.
	Ketchum Fire
Fuel Analysis Hazard Rank	
	Low
	Moderate
	High
	Extreme

## Fuel Hazard Ranking, Ketchum Area

0 0.5 Miles

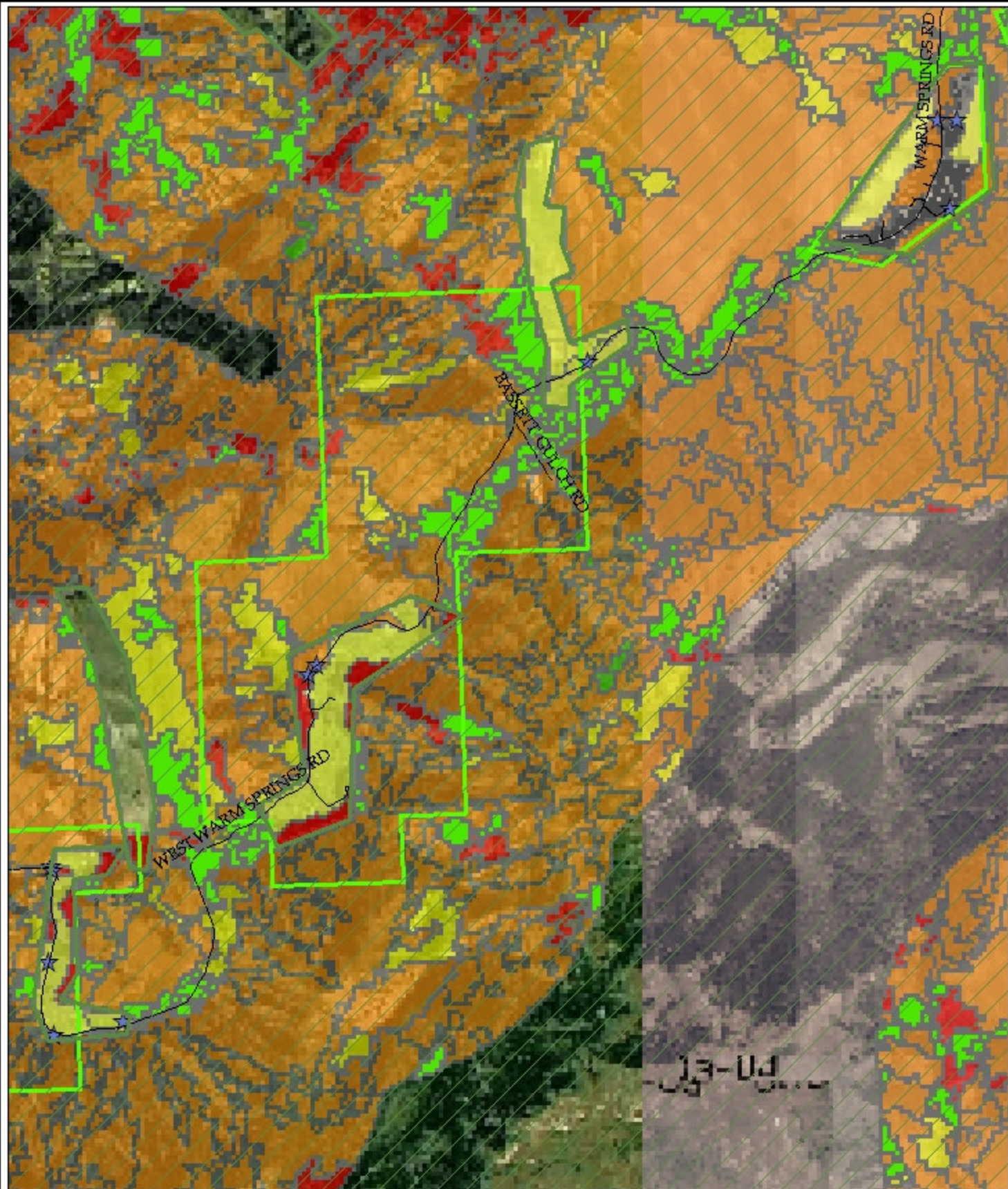


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September, 2004





#### Legend

- Roads
- ★ Photo Points
- Private Parcels
- ▭ Sawtooth N.F.
- ▭ Ketchum Rural Fire

#### Fuel Analysis Hazard Rank

- Low
- Moderate
- High
- Extreme

### Fuel Hazard Ranking, Board Ranch Area

0 0.5 Miles

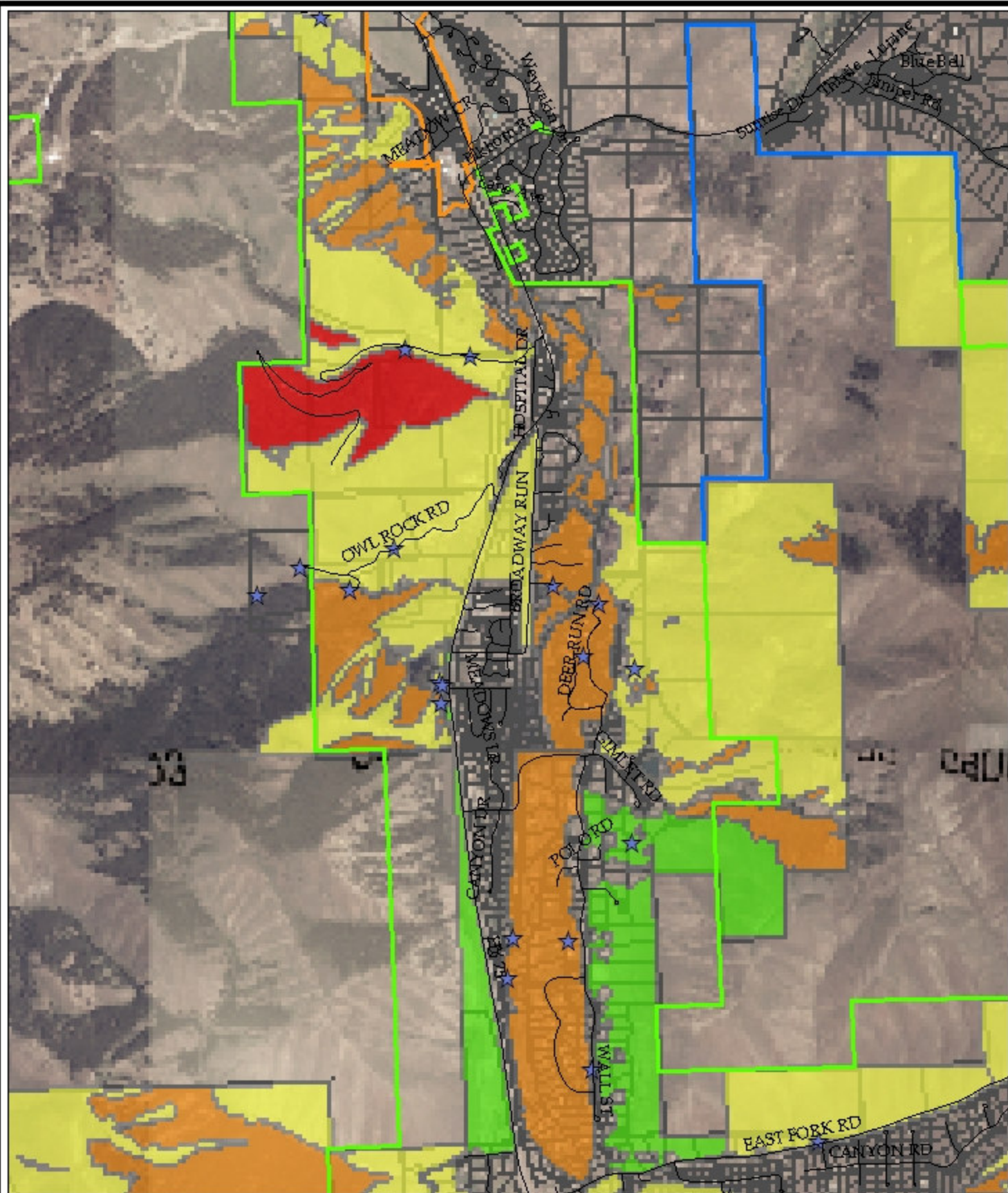


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#### Legend

- Roads
- ★ Photo Points
- Private Parcels
- Ketchum Rural Fire

#### Fuel Analysis Hazard Rank

- Low
- Moderate
- High
- Extreme

### Fuel Hazard Ranking, Cold Springs and Owl Rock Road Area

0 0.5 Miles

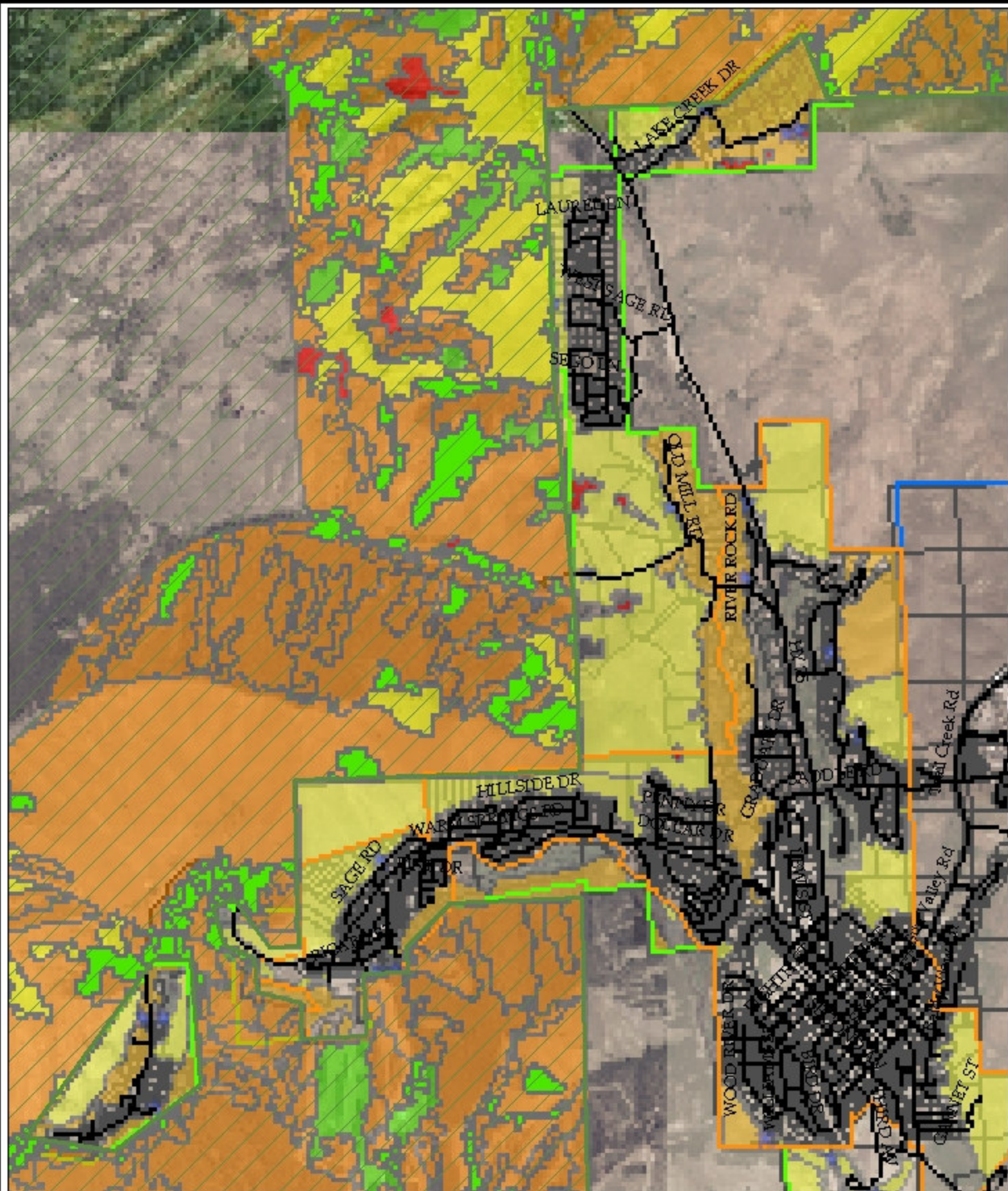


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**Legend**

— Roads	<b>Fuel Analysis Hazard Rank</b>
★ Photo Points	Low
□ Private Parcels	Moderate
▨ Sawtooth N.F.	High
□ Ketchum Rural Fire	Extreme

## Fuel Hazard Ranking, North Ketchum and Warm Springs Areas

0 0.5 Miles

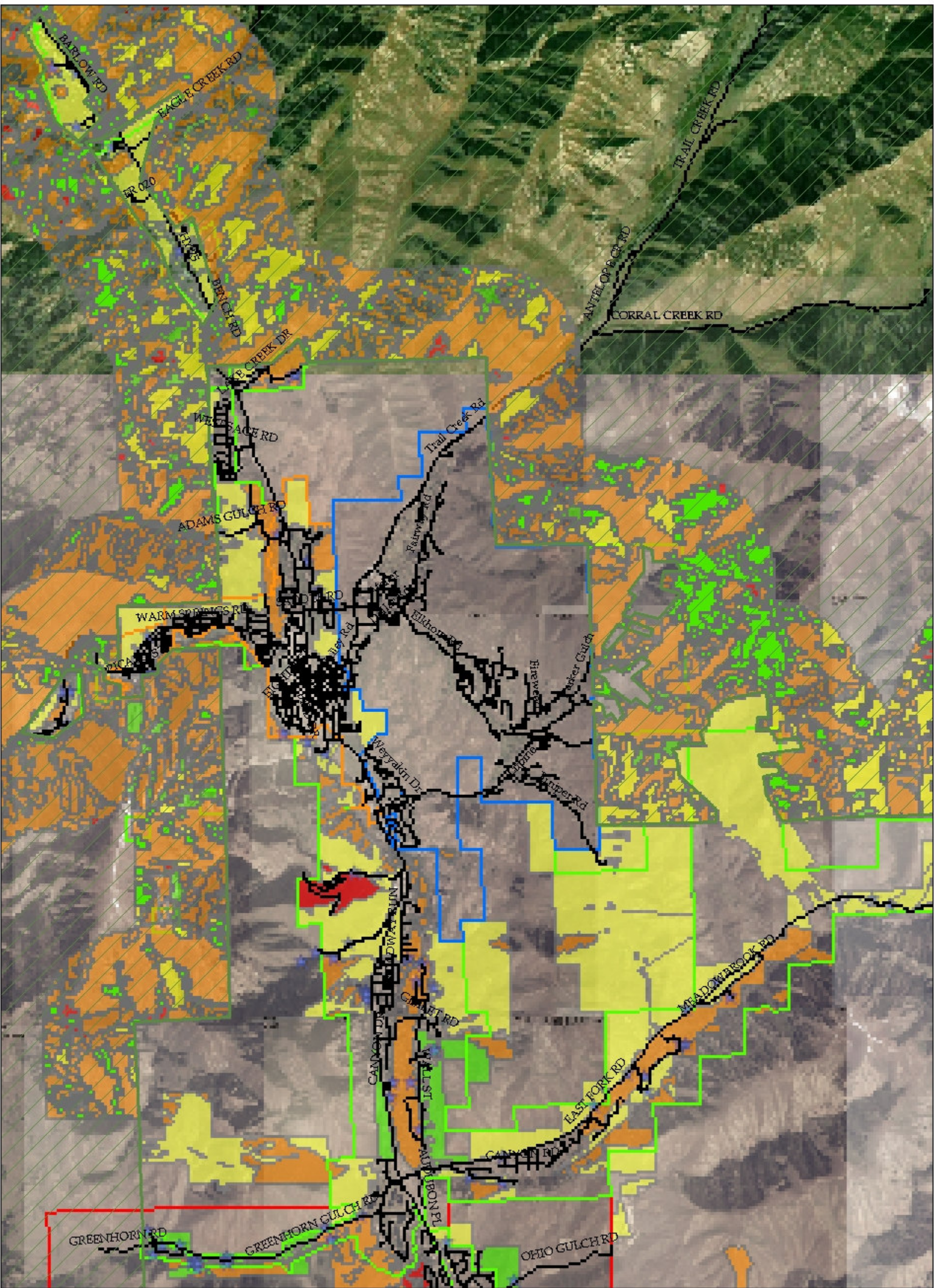


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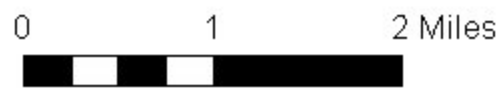
**Legend**

- Roads
- Photo Points
- Private Parcels
- Ketchum Rural Fire
- Ketchum Fire
- Sun Valley Fire

**Fuel Analysis Hazard Rank**

- Low
- Moderate
- High
- Extreme
- Sawtooth N.F.

**Fuel Hazard Ranking,  
Ketchum Rural Area**



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